# ALLIGATOR

# FILES



CARSON-NEWTON COMPANY 21-23 PROSPECT STREET NEWARK, NEW JERSEY

## **ALLIGATOR FILES**

ALLIGATOR SWISS PATTERN

DU-MORE AMERICAN PATTERN

KLEEN-KUT AMERICAN PATTERN



#### CARSON-NEWTON COMPANY

21-23 PROSPECT STREET NEWARK, N. J.

#### CATALOG No. 4

### **ALLIGATOR FILES**

### "AS THE ALLIGATOR BITES, SO DOES A CARSON-NEWTON FILE"

Carson-Newton Company has had more than 25 years' experience in the manufacture of Swiss Pattern Files and is recognized as producing a file of the highest grade and unsurpassed in quality.

We are now manufacturing a complete line of American or Commercial Pattern Files and guarantee them as to quality, for they are made in the same careful manner as are our Swiss Pattern Files.

The Alligator Trade Mark on a file is your guarantee that it has been thoroughly tested as to shape, cutting quality and hardness, and is perfect in every respect.

#### ALLIGATOR SWISS PATTERN FILE

THE FINEST FILE FOR THE DISCRIMINATING USER

#### DU-MORE AMERICAN PATTERN FILE

THE HIGHEST GRADE COMMERCIAL PATTERN FILE

### KLEEN-KUT AMERICAN PATTERN FILE

A FIRST QUALITY COMMERCIAL PATTERN FILE

### DU-MORE AND KLEEN-KUT AMERICAN PATTERN FILES

#### MILL

Cuts—Bastard 2nd Cut Smooth

\*3" and 18" are made in Bastard only.

‡Only 6", 8", 10", 12", 14", 16" are made in smooth.

#### MILL 1 ROUND EDGE

Length	6	7	8	9	10-	12	*14	in.
Width	5/8	$\frac{23}{32}$	$\tfrac{13}{16}$	$\frac{29}{32}$	1	$1\frac{3}{16}$	$1\frac{23}{64}$	"
Thick	$\frac{7}{64}$	$\frac{9}{64}$	5 32	$\frac{11}{64}$	$\frac{3}{16}$	$\frac{7}{32}$	1/4	"

Cuts—Bastard 2nd Cut

\*14" is made in Bastard only.

#### MILL 2 ROUND EDGES

Length	6	7	8	9	10	12	in.
Width	.5/8	$\frac{23}{32}$	$\frac{13}{16}$	$\frac{29}{32}$	1	$1\frac{3}{16}$	"
Thick	$\frac{7}{64}$	$\frac{9}{64}$	$\frac{5}{32}$	$\frac{11}{64}$	$\frac{3}{16}$	$\frac{7}{32}$	"
Cuts—Bastard 2nd Cut							

#### MILL BLUNT

# Length 6 7 8 10 in. Width 58 33 18 1 " Thick 7 4 9 64 52 3 16 " Cuts—Bastard 2nd Cut

#### ALLIGATOR AMERICAN PATTERN FILES 💝





#### WARDING

		1		E	= C.N.	co.	
Length	4	5	6	8	10	in.	
Width	$\frac{29}{64}$	$\frac{35}{64}$	5/8	$\tfrac{51}{64}$	$\frac{31}{32}$	**	
Thick	$\frac{1}{16}$	16	$\frac{5}{64}$	$\frac{7}{64}$	1/8	66	
Cuts—Bastard 2nd Cut Smooth							

#### **KNIFE**

						.N.CO.	
Length	. 4	5	6	8	10	12	in.
Width	$\frac{15}{32}$	$\tfrac{37}{64}$	$\frac{11}{16}$	7/8	$1\frac{1}{16}$	$1\frac{9}{32}$	**
Thick	. 1/8	$\frac{9}{64}$	$\frac{11}{64}$	$\frac{7}{32}$	$\frac{17}{64}$	$\frac{21}{64}$	**
Cuts—Bastard 2nd Cut Smooth							

#### **PILLAR**

						= C.N.	CO.
Length	6	8	10	12	*14	*16	in.
Width	$\frac{7}{16}$	9-	$\frac{11}{16}$	$\frac{13}{16}$	$\tfrac{15}{16}$	$1\frac{1}{16}$	"
Thick	$\frac{7}{32}$	$\frac{9}{32}$	$\frac{1}{3}\frac{1}{2}$	$\tfrac{13}{32}$	$\frac{15}{32}$	$\frac{17}{32}$	"
Cuts—Bastard 2nd Cut Smooth *Cut Bastard only.							

#### SQUARE BLUNT

						€ C.H.	co.
Length	 8	10	12	14	16	18	in.
Width	 $\frac{19}{64}$	3/8	1/2	5/8	3/4	7/8	"
Cuts—Bastard only.							

### ALLIGATOR AMERICAN PATTERN FILES



#### ROUND BLUNT

0		ilinin.		-1 -	C.	N.CO.	-
	Length	8	10	12	14	in.	
	Diameter	$\frac{19}{64}$	3/8	1/2	5/8		
	Cuts—Bastard.						

#### LEAD FLOAT AND WOOD FILES

					₹ C.N.C	co.	
Length6 8  Made—Flat and Half Round.	10	12	14	16	in.		
HAND SAW BLUNT—SLIN	1						
Length	4 15 64		6 23 64				

#### DOUBLE ENDER SAW

Δ					er C.H.CO.		
	Length	7	8	9	10	12	in.
	Width	$\frac{7}{32}$	$\frac{9}{32}$	$\frac{11}{32}$	3/8	$\frac{7}{16}$	"







#### CANT SAW

外的主角性。2012年2月1日 - 1902年 - 190						C.N.CO.
						S.N.Co.
DESCRIPTION AND ADDRESS AND AD						
Length	. 5	6	7	8	10	in.
Length	. 5 . $\frac{15}{32}$	$\frac{6}{\frac{17}{32}}$	7 39 64	8 11 16	10	

#### FLAT

										3	C.	N.CO.
Length 4	5	6	7	8	9	10	12	14	16	18	*20	in.
Width	$\frac{17}{32}$	5/8	$\frac{23}{32}$	$\tfrac{13}{16}$	$\tfrac{29}{32}$	1	$1\frac{3}{16}$	$1\tfrac{23}{64}$	$1\frac{35}{64}$	$1\frac{23}{32}$		"
Thick					$\frac{7}{32}$	1/4	$\frac{19}{64}$	$\frac{11}{32}$	$\tfrac{25}{64}$	$\frac{7}{16}$		"
Cuts—Bastard *Cut—Bastard on	2nd (	Cut	Smoo	oth								

#### **HAND**

												C.N.C	).	
Length	. 4	5	6	7	8	9	10	12	14	16	18	*20	in.	
Width	$\frac{7}{16}$	$\frac{17}{32}$	$\frac{23}{32}$	$\frac{13}{16}$	$\frac{29}{32}$	1	$1\frac{3}{32}$	$1\tfrac{17}{64}$	$1\tfrac{29}{64}$	15/8	113		66	
Thick	$\frac{7}{64}$	1/8	$\frac{3}{16}$	$-\frac{13}{64}$	$\frac{7}{32}$	1/4	$\frac{17}{64}$	$\frac{5}{16}$	$\tfrac{23}{64}$	$\frac{13}{32}$	$\tfrac{29}{64}$		66	
Cuts—Basta *Cut—Basta		2nd C	ut	Smoo	th									

#### **SQUARE**

Length	4	5	6	7	8	10	12	14	16	18	*20	in.
Width	5 32	$\frac{3}{16}$				3/8	1/2	5/8	3/4	7/8		"

### ALLIGATOR AMERICAN PATTERN FILES





#### THREE SQUARE

6 Length 4 5 12 16 in. 1/2 16 41 49  $\frac{29}{32}$  $1 \quad 1\frac{3}{32}$ Cuts—Bastard 2nd Cut

#### HALF ROUND

10 12 14 in. Length 4 16 18  $\frac{23}{32}$  $1\frac{3}{16}$  $1\frac{25}{64}$  $1\frac{37}{64}$  $1\frac{49}{64}$  $\frac{17}{32}$ 5/8  $\frac{13}{16}$ 1  $\frac{11}{32}$  $\frac{5}{32}$  $\frac{11}{64}$ 13 15 Cuts—Bastard 2nd Cut Smooth

#### ROUND

\*20 in. 5 6 8 9 10 12 14 16 18 Diameter  $\frac{5}{32}$  $\frac{11}{32}$ 1/2 5/8 3/4 7/8 .... 3  $\frac{7}{32}$ 17  $\frac{19}{64}$ 3/8 Cuts—Bastard 2nd Cut \*Cut Bastard only.

#### CABINET FILES

Length 6 12 14  $\frac{15}{16}$ 1/4 32 11  $\frac{7}{32}$ 





#### CABINET RASPS

### Length 6 8 10 12 14 Width $\frac{23}{32}$ $\frac{15}{16}$ $1\frac{1}{8}$ $1\frac{11}{32}$ $1\frac{9}{16}$ Thick $\frac{9}{64}$ $\frac{11}{64}$ $\frac{7}{32}$ $\frac{1}{4}$ $\frac{9}{32}$ Cuts—2nd Cut Smooth

#### HALF ROUND WOOD RASPS

Length	6	8	10	12	14	16	in.
Width	5/8	$\frac{13}{16}$	1	$1\frac{3}{16}$	$1\tfrac{25}{64}$	$1\tfrac{37}{64}$	**
Thick	$\frac{11}{64}$	$\frac{15}{64}$	$\frac{9}{32}$	$\frac{1}{3}\frac{1}{2}$	$\frac{25}{64}$	29 64	"
Cuts-Bastard Smooth							

#### FLAT WOOD RASPS



#### HAND FINISHING

Length	12	14	in.
Width	$1\frac{17}{64}$	$1\frac{29}{64}$	"
Thick	$\frac{5}{16}$	$\frac{23}{64}$	"
Cuts—2nd Cut Smooth			

### ALLIGATOR AMERICAN PATTERN FILES



#### TAPERS (Saw Files)

										-	←r c.i	
										>		· . co.
Length	*3	*31/2	4	41/2	5	*51/2	6	7	8	*10	*12	in.
Width	$\tfrac{15}{64}$	$\frac{19}{64}$	$\frac{23}{64}$	$\frac{13}{32}$	$\frac{7}{16}$	$\frac{15}{32}$	1/2	9	$\tfrac{41}{64}$	$\tfrac{49}{64}$	29 32	"
Cuts—Single Cut	Do	ouble C	ut									
*Single Cut only.												
			. S	LIM	TAI	PERS						
									0		40	
Length						51/2		7	8	10	12	in.
Width	64	$\frac{13}{64}$	$\frac{15}{64}$	17 64	$\frac{19}{64}$	64	$\frac{23}{64}$	7 16	1/2	5/8	3/4	
		E	XTR	A SI	JIM	TAP	ERS					
Length					4	41/2	5	51/2	6	7	8	in.
Width						13 64	$\frac{15}{64}$	15 64	1764	$\frac{21}{64}$	$\frac{23}{64}$	. 66
	D	OUBI	LE E	EXTE	RA S	SLIM	TA	PERS	5			
Length					4	41/2	5	51/2	6	7	8	in.
Width					$\frac{11}{64}$	$\frac{11}{64}$	$\tfrac{1}{6} \tfrac{3}{4}$	$\frac{13}{64}$	$\tfrac{1}{6} \tfrac{5}{4}$	$\tfrac{1}{6} \tfrac{7}{4}$	$\frac{19}{64}$	"

#### BAND SAW BLUNT AND TAPER

Length4 $4\frac{1}{2}$ 5 6 7 8 10 in.								c.	. N. CO.	
	Length	4	41/2	5	6	7	8	10	in.	
Width $\frac{23}{64}$ $\frac{13}{32}$ $\frac{7}{16}$ $\frac{1}{2}$ $\frac{9}{16}$ $\frac{41}{64}$ $\frac{49}{64}$ "	Width	$\frac{23}{64}$	13 32	7 16	1/2	$\frac{9}{16}$	$\frac{41}{64}$	$\tfrac{49}{64}$		

### ALLIGATOR AMERICAN PATTERN FILES



#### **PITSAW**

		P						C. N. CO.	
Length	 4	41/2	5	51/2	6	7	8	in.	
Width	 $\frac{5}{16}$	$\frac{11}{32}$	3/8	$\frac{13}{32}$	$\frac{7}{16}$	1/2	9	**	
Thick	 $\frac{13}{64}$	$\frac{7}{32}$	1/4	$\frac{17}{64}$	$\frac{9}{32}$	$\tfrac{19}{64}$	<u>5</u> 16	"	

#### HALF ROUND SHOE RASPS

Length	. 8	9	10	in.
Width		$\tfrac{31}{32}$	$1\frac{1}{16}$	"
Thick	$\frac{7}{32}$	1/4	$\tfrac{1}{6} \tfrac{7}{4}$	
FLAT SHOE RASPS	. 8	9	10	in.
PLANER KNIFE				
Length		. 8	10	in.

#### **CROSS CUT**

Length	6	8	9	10	12	in.
Width	9 16	$\frac{21}{32}$	3/4	$\tfrac{13}{16}$	1	"
Thick	3 16	$\frac{5}{16}$	$\tfrac{21}{64}$	$\frac{11}{32}$	3/8	"



#### SPECIAL CROSS CUT

					C.N. CO.	-
Length	6	7	8	10	in.	

	HAND SAW B	LUNT					
		71270703333				<b>C</b>	C.N.CO.
Longth		4 41/2	5	6	7	8	in.
			$\frac{7}{16}$				"
	HORSE RASPS,	PLAIN	N				
	Regular						
Length		12	14	15	16	18	in.
Width		1 3 2	1 9 16	$1\frac{21}{32}$	13/4	$1\tfrac{15}{16}$	"
Thick		17 64	$\frac{19}{64}$	$\frac{21}{64}$	$\frac{11}{32}$	3/8	"
	Slim						
Length				. 16	18	20	in.
Stock				. 14	15	16	"
	HORSE RASPS, T	CANGE	ED				
	Regular						
Length			12	14	15	16	in.
Width			$1\frac{9}{32}$	$1\frac{9}{16}$	$1\frac{21}{32}$	13/4	"
Thick			17	19	$\frac{21}{64}$	$\frac{11}{32}$	"

#### Slim in. 13

#### Thin

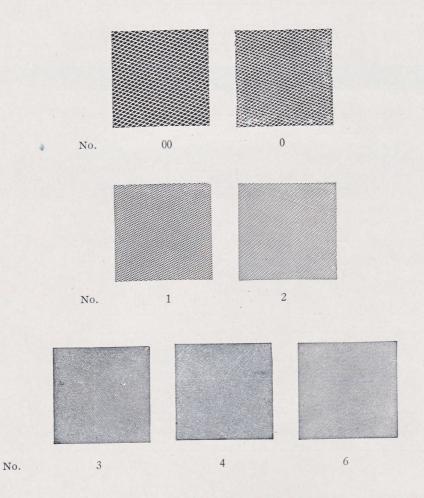
Length	. 12	13	14	15	16	in.
	1.531	1.594	1.750	1.812	1.875	
	x.270	x.275	x.280	x.285	x.290	"

### ALLIGATOR AMERICAN PATTERN FILES





# CUTS OF ALLIGATOR SWISS PATTERN FILES—WITH THEIR RESPECTIVE NUMBERS



#### They compare in cuts with the regular American Files as follows:

All American Pattern Files up to and including 10'' are packed 1 dozen to the box. All longer files are packed  $\frac{1}{2}$  dozen to the box. Swiss Pattern, 1 dozen to box.



#### -ALLIGATOR FILES-



#### **ALLIGATOR SWISS PATTERN FILES**

#### HAND FILES



Hand Files are Parallel in width and taper in thickness from tang to point. Double Cut on flat sides and Single Cut on one edge. Made in the following lengths and widths:

Length \_\_\_\_\_ 3 4 5 6 8 10 12 14 in. Width \_\_\_\_\_  $\frac{7}{10}$   $\frac{17}{32}$  5/8 3/4 7/8 1 11/4 11/2 " Cuts—00-0 1-2 3-4 6

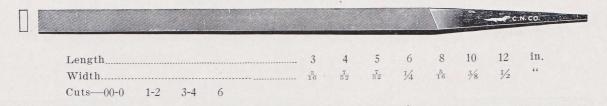
#### REGULAR PILLAR FILES



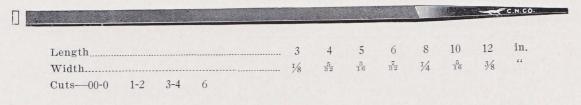
All Pillar Files are similar in shape to Hand Files, but have two safe edges, and are made in the following lengths and widths:

Length 3 4 5 6 8 10 12 in. Width  $\frac{9}{32}$   $\frac{3}{8}$   $\frac{7}{16}$   $\frac{1}{2}$   $\frac{9}{16}$   $\frac{11}{16}$   $\frac{3}{4}$  "Cuts—00-0 1-2 3-4 6

#### NARROW PILLAR FILES



#### EXTRA NARROW PILLAR FILES









#### HALF ROUND FILES





Half Round Files are flat on one side and half round on the other, tapering in width and thickness. Double Cut to the extreme Point and are made in the following lengths, widths and cuts:

Length 3 4  $4\frac{1}{2}$  5 6 7 8 10 12 14 in. Width  $\frac{5}{16}$   $\frac{7}{16}$   $\frac{7}{16}$   $\frac{1}{2}$   $\frac{17}{32}$   $\frac{17}{8}$   $\frac{13}{16}$   $\frac{13}{16}$   $\frac{1}{16}$   $\frac{13}{16}$  1  $\frac{11}{16}$   $\frac{13}{8}$  "Cuts—00-0 1-2 3-4 6

#### HALF ROUND RING FILES

Half Round Ring Files are practically the same shape as the regular Half Round, but are considerably narrower. Made only 6", 7", and 8" long, and in price, advance 1" over the regular Half Round sizes. Cuts 00-0-2-3.

#### ROUND FILES

Round Files are tapered the entire length and double cut to the extreme point.

Length \_\_\_\_\_ 2 $\frac{1}{2}$  3 3 $\frac{1}{2}$  4 5 6 8 10 12 14 in. Width \_\_\_\_\_  $\frac{5}{64}$   $\frac{3}{32}$   $\frac{1}{8}$   $\frac{5}{32}$   $\frac{13}{64}$   $\frac{7}{32}$   $\frac{5}{16}$   $\frac{11}{32}$   $\frac{7}{16}$   $\frac{1}{2}$  "Cuts—00-0 1-2 3-4 6

#### PARALLEL ROUND FILES

Parallel Round Files are the same diameter as Round, but are Parallel from the tang to the point. They are made in the following lengths and diameter and are Double Cut. Also made in special diameters.

Length \_\_\_\_\_\_\_ 4 5 6 8 in. Reg. Diameter \_\_\_\_\_\_\_\_  $\frac{5}{32}$   $\frac{13}{64}$   $\frac{7}{32}$   $\frac{5}{16}$  " Cuts—00-0 2 4

#### ALLIGATOR SWISS PATTERN FILES





#### **CROSSING FILES**



Crossing Files are Half Round on both sides, one side of which has a larger radius than the other. They are double cut on both sides and single cut on the sharp edges, tapering from the tang to the point, and are made in the following lengths, widths and cuts:

Length 3 4 5 6 8 10 12 in. Width 5 7 6  $\frac{17}{16}$   $\frac{17}{16}$  5%  $\frac{13}{16}$   $\frac{11}{16}$   $\frac{11}{4}$  "Cuts—00-0 1-2 3-4 6

#### KNIFE FILES



Knife Files are shaped somewhat as a knife blade tapering from the thicker part on the back to a sharp edge, and also tapers in width from the tang to the extreme point. Double cut on two sides and back, single cut on sharp edge. They are made in the following lengths, widths and cuts:

Length 3 4 5 6 8 in. Width 3/8  $\frac{1}{2}$   $\frac{9}{16}$   $\frac{11}{16}$   $\frac{7}{8}$  "Cuts—00-0 1-2 3-4 6

#### SLITTING FILES



Slitting Files are diamond shape, and double cut on the four sides, and single cut on two sharp edges. Made in following lengths, widths and cuts:

#### **EQUALLING FILES**



Equalling Files are parallel in width and thickness throughout their entire length. They are double cut on the two flat sides, and both edges, and made in the following lengths, widths and cuts:

Thickness B & S Gauge 3'' 4'' 5'' 6'' 8'' Width 3'8  $\frac{13}{32}$   $\frac{17}{16}$   $\frac{1}{12}$   $\frac{9}{16}$  Thickness B & S Gauge 18-20 16-18 13-15 10-12 10 Cuts—00-0 1-2 3-4 6







#### WARDING FILES



Warding Files are thin and suitable for key filing or filing in narrow spaces. Parallel on thin sides and tapering from tang to point. They are double cut all over and are made in the following lengths, widths and cuts:

22 10-20 10 1-10	Length	3" 3/8 18–20 22	4" 1/ <sub>2</sub> 14–16 18–20	5" 13–15 18	6" 5/8 11–13 14–16	8" 13 10	10" 15 8
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Cuts—00-0 1-2 3-4 6 **BARRETTE FILES** 



Barrette Files are flat on one side and beveled on the other. They are double cut on the flat side only, and taper from tang to point, and are made in the following legnths, widths and cuts:

Length	3	4	5	6	8	in.
Width	3/8	1/2	$\frac{9}{16}$	$\frac{11}{16}$	7/8	
Cuts-00-0 1-2 3-4 6						

#### **CANT FILES**

Cant Files are practically the same as Three Square, only with one side being somewhat larger than the other two. They are double cut on three sides and single cut on two sharp edges. Made in the following lengths, widths and cuts:

Length		 3	4	5	6	8	in.			
Width					 $\frac{17}{32}$	$\begin{array}{c} 13 \\ 32 \end{array}$	1/2	16	5/8	
Cuts-00-0	2	4								

#### THREE SQUARE FILES

Three Square Files are triangular in section and taper to the point, with sharp corners. All three sides are double cut and single cut on the edge. Made in the following sizes, widths and cuts:

Length	3	31/2	4	5	6	8	10	12	in.
Width	$\frac{3}{16}$	$\frac{7}{32}$	$\frac{9}{32}$	$\frac{1}{3}\frac{1}{2}$	3/8	1/2	5/8	$\frac{11}{16}$	"
Cuts_00-0 1-2 3-4 6									



#### ALLIGATOR SWISS PATTERN FILES





#### ROUND EDGE JOINT FILES

CN.CO.

Round Edge Joint Files are parallel in width and thickness and rounded on the edges, both of which are double cut. They are made in the following lengths, widths and cuts:

Length	3"	4"	5"	6"	8"
Width	$\frac{7}{16}$	1/2	9 16	5/8	5/8
Thickness B & S Gauge	14–16 18–20	9 to 26	11–13 15–18	10–12 14–16	8–10 12

Cuts-0-2

#### SOUARE EDGE JOINT FILES



Square Edge Joint Files are same as the Round Edge Joint Files, excepting both edges are square.

Length	3"	4"	5"	6"	8"
Width	$\frac{7}{16}$	1/2	$\frac{9}{16}$	5/8	5/8
Thickness B & S Gauge	16–18	14–16 18–20	11–13 15	10-12 14-16	8–10 12
Cuts-0-2					

COLLADE EILE

#### **SQUARE FILES**

Square Files are equal dimensions on four sides, tapering from tang to point, and are double cut on three flat sides, the other being left safe. They are made in the following lengths, widths and cuts:

Length	3	4	5	6	8	10	12	14	in.
Width	3/3/2	$\frac{5}{32}$	$\frac{13}{64}$	$\frac{7}{32}$	5 16	$\frac{11}{32}$	7 16	1/2	6.6
Cuts—00-0 1-2 3-4 6									

#### CROCHET FILES



Crochet Files taper from tang to point, and slightly taper on the sides and have rounded edges. They are made in the following lengths, widths and cuts:

Length	3	4	5	6	8	10	in.
Width	1/4	$\frac{5}{16}$	76	1/2	916	5/8	66
Cuts-00-0 1-2 3-4							









#### PIPPIN FILES

C.N.CO.

Pippin Files are curved with a larger radius at the back and are sometimes called "Apple Seed" Files on account of the shape resembling an apple seed. They taper in width and thickness from tang to point, and are double cut all over, and are made in the following lengths, widths and cuts:

Length 3 4 6 8 in. Width  $\frac{7}{32}$   $\frac{9}{32}$   $\frac{3}{8}$   $\frac{1}{2}$  " Cuts—00-0 1-2 4

#### METAL SAW FILES

Metal Saw Files are made the same as Three Square Files, but are parallel throughout their length. The cuts are different from the Three Square, however, being designed to file a very hard saw. They are made in the following lengths, widths and cuts:

Length \_\_\_\_\_ 3  $3\frac{1}{2}$  4 5 6 8 in. Width \_\_\_\_\_  $\frac{1}{8}$   $\frac{3}{16}$   $\frac{7}{32}$   $\frac{5}{16}$   $\frac{3}{8}$   $\frac{1}{2}$  "Cuts—0 1-2 3-4

#### MILL FILES

Mill Files have two flat sides and taper slightly in width, and thickness from tang to end, and are single cut on both sides and edges. They are made in the following lengths, widths and cuts:

Length \_\_\_\_\_\_ 6 8 10 12 14 in. Width \_\_\_\_\_\_ 5\%  $\frac{13}{16}$  1  $1\frac{3}{16}$  1  $\frac{5}{16}$  " Cuts—00-0 1-2









#### CORRUGATING OR CHECKERING FILES



Corrugating or Checkering Files are for Barbers' use in corrugating shears, etc. Are made in three cuts, designated as Course, Medium and Fine, and listed as 6 C, 6 M and 6 F; and are 6" long and 34" wide.

#### AUGER BIT FILES



These files are used by Carpenters in sharpening Auger Bits. Cut on flat side at one end, and on edge at other end. Length  $7\frac{1}{4}$ " and packed one dozen on Display Card.

#### ENGLISH BROACHES OR FIVE CORNERED REAMERS



Made of highest grade Drill rod, carefully finished. Sharp cutting edges, highly polished and fully guaranteed.

Made in the following sizes measured by Stubs Drill Gauge at largest diameter: Nos. 1, 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70.

Also made  $\frac{1}{4}$ " diameter,  $7\frac{1}{4}$ " length overall;  $\frac{5}{16}$ " diameter, 8" length overall;  $\frac{3}{8}$ " diameter,  $8\frac{1}{2}$ " length overall;  $\frac{7}{16}$ " diameter, 9" length overall;  $\frac{1}{2}$ " diameter,  $9\frac{1}{2}$ " length overall.

Packed one dozen in a package.









#### TYPE C PARALLEL MACHINE FILES

Type C Parallel Machine Files are made in various shapes as illustrated, and each shape is parallel from tang to point. They are made in only one length, 5", exclusive of tang and cuts are 00-0, 2.

Round	0		C.N.CO.
Half Round	0		CNGO.
Pillar			C.N.CO
Crossing	0		C.N.CO
Knife			CN.CO.
Square			C.N.CO.
Three Square	$\triangleleft$		onco.
Crochet	0		C.N.CO.
Equalling			c.n.co.
Pippin	0		<b>€</b> c.N.CO. 4
Lozenge	$\Diamond$		CN.CO.
Cant	<		c.n.co.
-4	3	ALLIGATOR SWISS PATTERN FILES	





#### DIE SINKER FILES

Die Sinker Files are made in various shapes as illustrated and are  $3\frac{1}{2}$  long, exclusive of tang. Made in cuts 0, 1 and 2. Lozenge Oval Square Round Crochet Taper Cotter Auriform Half-Round Pippin C.N.CO. Knife Flat ALLIGATOR SWISS PATTERN FILES





#### 1/4" (TYPE A) FILING MACHINE FILES

Filing Machine Files are made in various shapes as illustrated and are made with round shank to be used in filing machines. They are made in two diameters,  $\frac{1}{8}$ " (Type B) and  $\frac{1}{4}$ " (Type A), and in but one length,  $3\frac{1}{4}$ " over all. Cuts 00-0, 2.

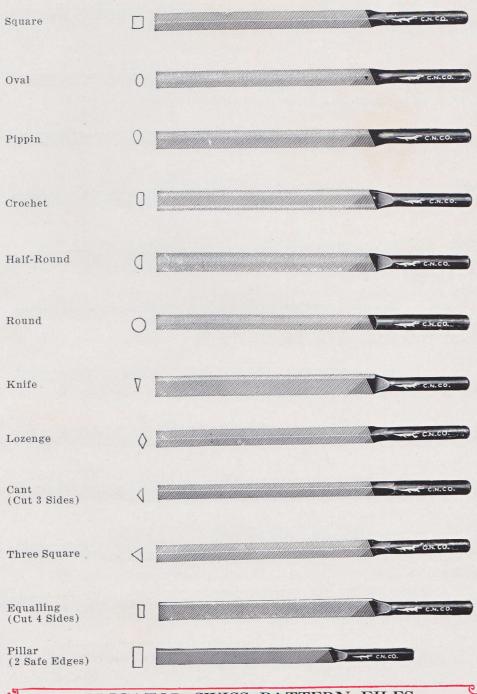
Square			
Oval	0	D	
Pippin			
Crochet			
Half-Round			
Round			
Knife	V		
Lozenge	$\Diamond$		
Cant (Cut 3 Sides)			7
Three Square			
Equalling (Cut 4 Sides)			
Pillar (2 Safe Edges)	IGA	TOR SWISS PATTERN FILES	





#### 1/8" (TYPE B) FILING MACHINE FILES

Filing Machine Files are made in various shapes as illustrated and are made with round shank to be used in filing machines. They are made in two diameters,  $\frac{1}{8}$ " (Type B) and  $\frac{1}{4}$ " (Type A), and in but one length,  $3\frac{1}{4}$ " over all. Cuts 00-0,2.

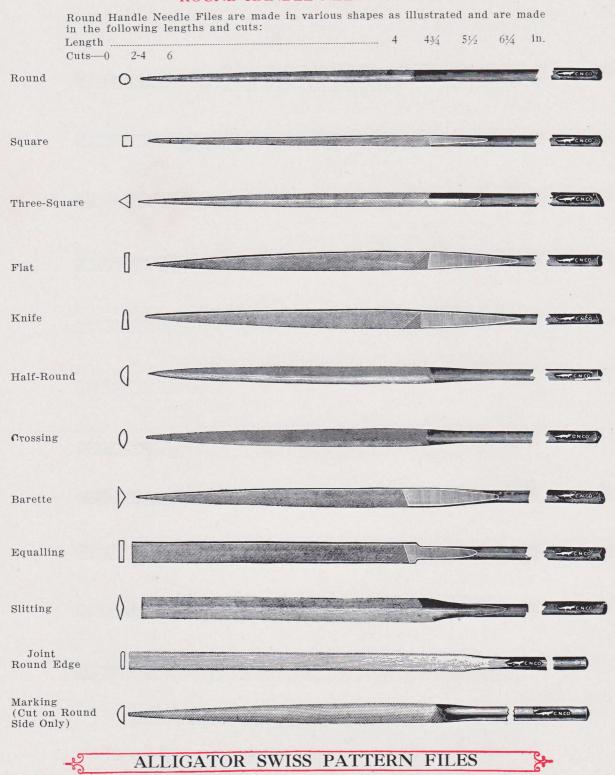


ALLIGATOR SWISS PATTERN FILES





#### ROUND HANDLE NEEDLE FILES

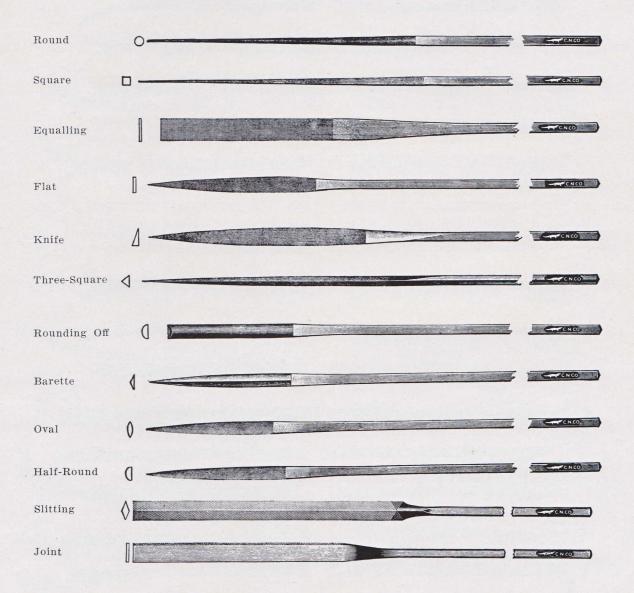






#### SQUARE HANDLE NEEDLE OR ESCAPEMENT FILES

Square Handle Needle or Escapement Files are practically the same in shape as the Round Handle Needle Files, excepting that the handle is square and they are smaller, adapting them for very fine work. Made only in one length, 51/2", and cut





ALLIGATOR SWISS PATTERN FILES

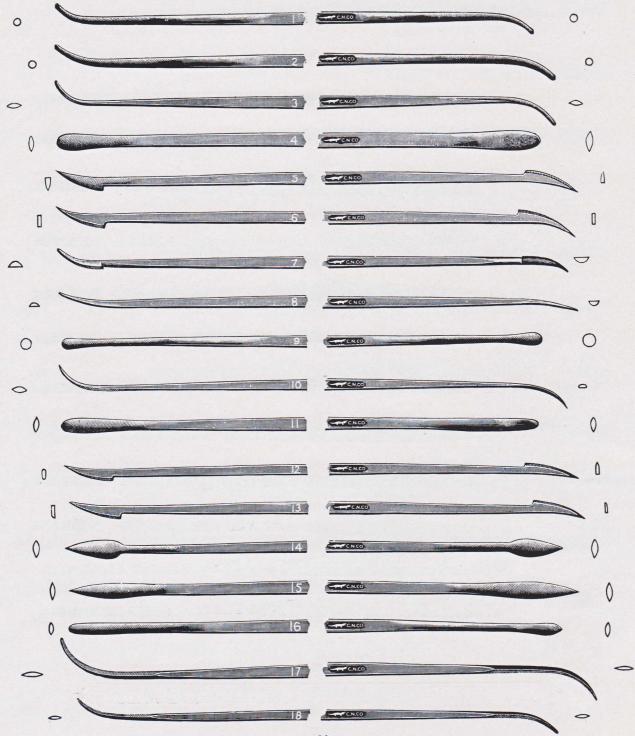






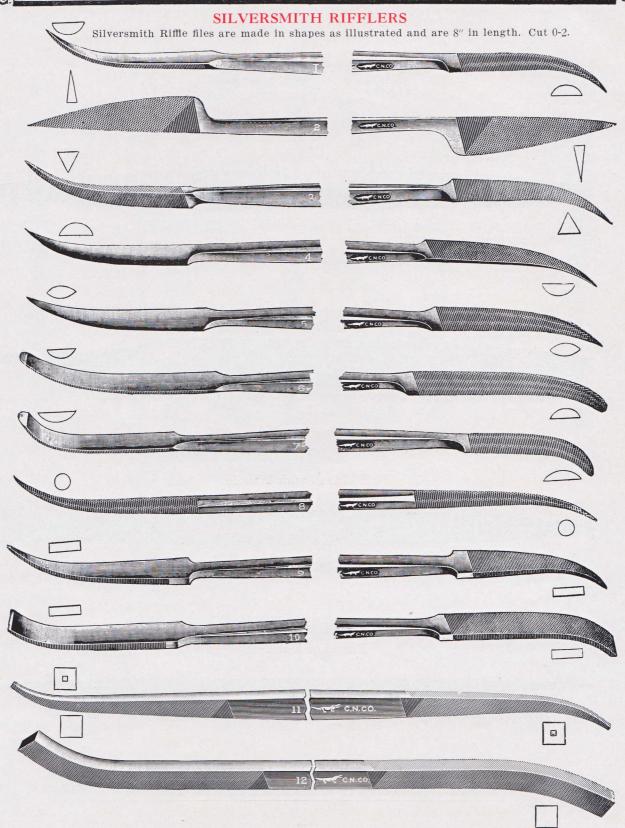
#### DIE SINKER RIFFLERS

Die Sinker Riffler Files are made in 18 shapes as illustrated, and are used mostly by jewelers and die makers. They are made in 6'',  $6\frac{1}{2}''$  and 7'' lengths and usually designated as small, medium and large. The diameter of the file depends on the size. Cuts are 0-2-4.













#### **VULCANITE OR RUBBER FILES**

Used Mostly in Dental Laboratories

#### Double End Half Round



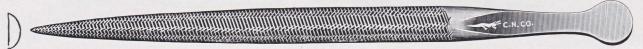
Double End Half Round Vulcanite Files are coarse cut on one end and fine on the other. Made in the following lengths: 7, 8 and 9 inches.

#### Half Round with Tang



Half Round Vulcanite Files with tang are double cut on both sides. Lengths, 5 and 6 inches.

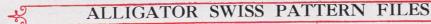
#### Half Round with Handle



Half Round Vulcanite Files with Handle are double cut on both face and back. Lengths, 5 and 6 inches.

#### Round or Rat Tail

Round or Rat Tail Vulcanite Files are single cut all over. Lengths, 4, 5 and 6 inches.













Illustrating 1 Dozen on Display Card

LLIGATOR and HANDEE Coil Files are made of the highest grade steel, A carefully cut, tempered and finished.

ALLIGATOR Coil Files are 6" long, Double Cut, with a flat handle having a spacer 25/1000 for spacing points after filing.

HANDEE Coil Files are 5" long, Double Cut.

Packed in bulk, 1 dozen in folding box or 1 dozen on display card.

In ordering please specify the file desired by name and also state whether wanted in bulk, boxed or carded.



-ALLIGATOR FILES-





### THE JONES

# "CAN'T - BREAK" EXTENSION BIT HOLDER

Made in Five Sizes, 15, 18, 21, 24, 30 inches long and special lengths upon request.



"See That Strangle Hold on the Bit Shank"



PATENTED DECEMBER, 1922

Note the Solid Steel Chuck in which the Shank of the Bit is seated far back in the Shell, and is held there by the Split Sleeves which have a "Strangle Hold" on the Bit Shank.

With this Tool, all the strain is on the Chuck, and the Shell will never crack at the ends as other Holders do under Strain causing you to lose your Bits when removing the Bit from the drilled hole.

This Holder will follow 11/16 Bits through the hole, and is designed to drill hole to 1 inch in diameter.



-ALLIGATOR FILES-







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S

### PRICE LIST

APRIL 2, 1923

# OU-MORE AND KLEEN-KUT American Pattern

## FILES



CARSON-NEWTON COMPANY 21-23 PROSPECT STREET NEWARK, NEW JERSEY





Length in Inc	ehes	3	4	5	6	7	8	9	10	12	14	16	18
MILL	Wide Thick Bastard 2nd Cut Smooth	2½4 146 3.00	7/16 5/64 3.00 3.50	17/82 3/82 3.20 3.80	5% %4 3.50 4.00 4.50	23/32 9/64 3.90 4.60	18/16 5/32 4.30 4.90 5.40	2%2 11/64 4.90 5.80	1 346 5.60 6.40 7.00	13/16 7/32 7.50 8.60 9.40	123/64 1/4 10.70 12.20 13.10	135/64 9/82 14.70 16.80 17.90	123/32 21/64 20.20
MILL 1 R. E.	Wide Thick Bastard 2nd Cut				5/8 7/64 3.90 4.50	28/32 9/64 4.40 5.20	13/16 5/32 4.80 5.50	29/32 11/64 5.50 6.50	1 %6 6.30 7.20	13/16 7/82 8.40 9.70	123/64 1/4 12.00		
MILL 2 R. E.	Wide Thick Bastard 2nd Cut				5/8 7/64 4.40 5.00	23/32 9/64 4.90	13/16 5/32 5.40 6.10	29/32 11/64 6.10	1 346 7.00 8.00	13/16 7/32 9.40 10.80			
MILL BLUNT	Wide Thick Bastard 2nd Cut				5% 7%4 3.90 4.60	23%2 %4 4.30 4.90	13/16 5/32 4.90 5.80	Spirit Sp	1 346 6.70 7.80				
WARDING	Wide Thick Bastard 2nd Cut Smooth		29/64 1/16 4.00 4.80 5.40	35/64 1/16 4.50 5.30 5.80	5% 5%4 4.90 5.90 6.40		51/64 7/64 6.40 7.50 8.20		31/32 1/8 8.70 10.10 11.00				
KNIFE	Wide Thick Bastard 2nd Cut Smooth		15%2 1/8 5.40 6.10 6.40	37/64 9/64 6.10 6.70 7.10	11/16 11/64 6.90 7.50 7.90		7/8 7/82 8.50 9.10 9.50		1½6 1764 10.10 11.50 12.30	1% <sub>2</sub> 2½ <sub>4</sub> 13.70 15.20 16.10			
PILLAR	Wide Thick Bastard 2nd Cut Smooth	5			7/16 7/82 4.30 5.10 5.60		%16 %2 5.40 6.30 6.70		1½6 1½2 7.50 8.70 9.40	13/16 13/32 10.70 12.30 13.50	15/16 15/32 15.00	1½6 1½2 20.10	
SQ. BLUNT	Wide Bastard						1% <sub>4</sub> 7.40		3/8 10.20	½ 13.90	5% 18.70	34 25.10	7/8 32.80
RD. BLUNT	Dia. Bastard						<sup>19</sup> / <sub>64</sub> 5.60		3/8 7.50	½ 10.70	5% 14.70		
LEAD FLOAT and WOOD FILES	Flat Hf. Rd.	1 7 10	3 8		4.80		6.30 8.50		8.60 10.70	11.80 14.10	16.00 18.50	21.50 24.70	
HAND SAW BLUNT	Wide Slim		15/64 2.50	1% <sub>4</sub> 3.10	<sup>23</sup> / <sub>64</sub> 3.80	I VI	½ 5.40		UC		N.J.		
DBL. ENDER SAW	Wide		3M	16	1.3	7/82 3.50	%2 3.90	11/ <sub>32</sub> 4.40	3/8 4.90	7/16 6.00	/-		
CANT SAW	Wide Thick			15/82 11/64 4.70	17/82 18/64 5.40	39/64 15/64 6.10	114 <sub>6</sub> 17 <sub>64</sub> 6.40	* * * * * * * * * * * * * * * * * * *	27/32 5/16 8.70	11.40			





Length in Inc	ches	4	5	6	7	8	9	10	12	14	16	18	20
Att ALL	Wide	7//	17/	K/	23/32	13/16	29/32	1	13/16	123/64	135/64	128/32	Nip.
		7/16	17/32	5/8							The second second second	7/16	
	Thick	7/64	1/8	5/32	3/16	13/64	7/32	1/4	19/64	11/32	25/64 17.80	23.90	31.5
FLAT	Bastard	3.70	3.90	4.30	4.80	5.30	6.30	7.00	9.70	13.30	A CONTRACTOR OF THE PARTY OF TH		91.0
	2nd Cut	4.30	4.60	4.80	5.50	6.10	7.20	8.10	11.00	15.30	20.10	26.80	
	Smooth	4.70	4.90	5.30	6.10	6.60	7.90	8.70	12.10	16.70	22.30	29.20	
	Wide	7/16	17/32	23/32	13/16	29/32	1	13/32	117/64	129/64	15%	113/16	
	Thick	7/64	1/8	3/16	13/64	7/32	1/4	17/64	5/16	23/64	13/32	29/64	10.10
HAND	Bastard	3.70	3.90	4.30	4.90	5.40	6.70	7.50	10.70	15.00	20.10	26.80	35.1
	2nd Cut	4.30	4.70	5.10	5.80	6.30	7.80	8.70	12.30	17.00	22.80	29.90	
	Smooth	4.80	5.30	5.60	6.30	6.70	8.30	9.40	13.50	18.20	24.20	31.50	
						404	4	0.4			0/	7.	
	Wide	5/32	3/16	7/32	17/64	19/64		3/8	1/2	5/8	8/4	7/8	000
SQUARE	Bastard	3.80	4.10	4.60	5.10	5.50		7.40	10.20	13.90	18.70	25.10	32.8
Stollier	2nd Cut	4.60	4.80	5.10	5.80	6.30		8.50	11.50	16.10	21.20	28.20	Sec. of
87.17.4	Smooth	4.90	5.30	5.50	6.30	7.00		9.10	12.80	17.50	23.30	30.40	
	Wide	23/64	7/16	1/2	%16	41/64		49/64	29/32	1	13/32		1111
THREE	Bastard	4.80	5.40	6.10	7.00	7.50		9.10	11.80	15.50	20.60	27.50	24 17
SQUARE	2nd Cut	5.60	6.10	6.70	7.70	8.30		10.10	13.00	17.00	22.50	29.90	
00.7	Smooth	6.10	6.40	7.10	8.20	8.90		10.70	13.90	18.30	24.20	32.00	A.A.B.
1		7.	107		00/	10/			10/	195/	197/	140/	
	Wide	7/16	17/82	5/8	23/32	18/16		1	13/16	125/64	137/64	149/64	
HALF	Thick	1/8	5/32	11/64	13/64	15/64		%32	11/32	25/64	29/64	1/2	
ROUND	Bastard	4.80	5.40	6.10	7.00	7.50		9.10	11.80	15.50	20.60	27.50	S. See
HOUND	2nd Cut	5.60	6.10	6.70	7.70	8.30		10.10	13.00	17.00	22.50	29.90	
	Smooth	6.10	6.40	7.10	8.20	8.90		10.70	13.90	18.30	24.20	32.00	
	Dia.	5/32	3/16	7/32	17/64	19/64	11/32	3/8	1/2	5/8	8/4	7/8	er i
-	Bastard	3.00	3.20	3.50	3.90	4.30	4.90	5.60	7.50	10.70	14.70	20.20	27.4
ROUND	2nd Cut	3.50	3.80	4.00	4.60	4.90	5.80	6.40	8.60	12.20	16.80	22.70	
	Smooth	3.90	4.10	4.50	4.90	5.40	6.30	7.00	9.40	13.10	17.90	24.30	
	Wide	C.		28/		15/16		11/6	111/32	1%6			
CABINET	Thick			23/32		11/64		7/32	1/4	9/32			
FILES	THICK			%4 8.10		10.10		13.70	18.70				
	Wide	W-1		28/		15/		11/	111/32	1%6	100		
CADINE				23/32		15/16		11/8		9/32			
CABINET	Thick			%4 10.10		11/64		7/32 17.50	1/4 22.80	%32 29.60			
RASPS	2nd Cut Smooth			10.10		12.80 15.50		20.70	26.80	33.90			
									101	1051	4.054		
	Wide			5/8		13/16		1	13/16	125/64	137/64		
HALF RD.	Thick			11/64		15/64		%32	11/32	25/64	29/64		
WOOD RASPS				8.10		10.10		13.70	18.70	24.80	32.90		1
STATE MADE	Smooth	Tieles.		10.10	Hall I	13.70	the d	18.70	24.80	32.90	43.60	MATE N	
FLATWOOD	Bastard					9.40		12.80	17.50	23.20	30.80		
RASPS	Smooth		tok Wat	torace		12.80	To se	17.50	23.20	30.80	40.90		The same
100 12 1000	Wide		1			-	20	1800 to	117/64	129/64	THE PARTY.		
HAND	Thick	1 28 1							5/16	23/64			THE P
FINISHING	2nd Cut					1		her or	15.20	20.60			
	Smooth	Charles The		THE RESERVE OF THE PARTY OF THE					16.20	21.70	The Company of		12000





Length in Inc	ches	3	31/2	4	41/2	5	51/2	6	7	8	9	10	12
TAPERS (Saw Files)	Wide Sgl. Cut Dbl. Cut	15/64 2.10	19/64 2.10	23/64 2.20 2.90	13/32 2.40 3.10	7/16 2.60 3.50	15/32 3.00	3.40 4.70	9/16 4.30 5.60	$\begin{array}{c} 41/_{64} \\ 5.40 \\ 6.70 \end{array}$		49/64 8.10	29/32 12.50
SLIM TAPERS	Wide	1½64 2.10	13/64 2.10	15/64 2.20	17/64 2.30	19/64 2.50	$\frac{21}{64}$ $2.90$	$\frac{23}{64}$ $3.10$	7/16 3.80	1/2 4.50		5/8 6.40	3/4 9.5(
EXTRA SLIM TAPERS	Wide			13/ <sub>64</sub> 2.20	13/64 2.30	15/64 2.50	15/64 2.90	17/ <sub>64</sub> 3.10	21/ <sub>64</sub> 3.80	<sup>23</sup> / <sub>64</sub> 4.50			
DBL. EXT. SLIM TAPERS	Wide			1½64 2.20	11/ <sub>64</sub> 2.30	$\frac{13}{64}$ $2.50$	13/64 2.90	15/64 3.10	17/ <sub>64</sub> 3.80	19/64 4.50			
BAND SAW BLUNT and TAPER	Wide Regular Slim			23/ <sub>64</sub> 2.90	13/3 <sub>2</sub> 3.10	7/16 3.50		1/2 4.70 3.90	%16 5.60	6.70 $5.30$	25 E	49/64 9.70	
PITSAW	Wide Thick			5/16 13/64 4.80	11/ <sub>32</sub> 7/ <sub>32</sub> 5.40	3/8 1/4 5.40	13/32 17/64 6.10	7/16 9/32 6.10	$\frac{1}{2}$ $\frac{19}{64}$ $7.00$	9/16 5/16 7.50			
FLAT SHOE RASPS	0.12 00	14 13							45	10.10	12.20	13.70	
HALF RD. SHOE RASPS	Wide Thick				91	C				7/8 7/32 10.10	3½2 ½ 14 12.20	1½6 17/64 13.70	
PLANER KNIFE			1	1.00	6.0	6 65		1 (1)		6.40		8.60	
CROSS CUT	Wide Thick	61 e2 6 e3						%16 %16 6.10		21/32 5/16 7.50	3/4 21/64 8.50	13/16 11/32 9.10	1 3/8 11.8
SPECIAL CROSS CUT			A No.			F 57	4	3.90	4.30	4.90		6.70	
HANDSAW BLUNT	Thick			15/64 2.60	17/64 3.00	19/64 3.40		<sup>23</sup> / <sub>64</sub> 4.30	7/16 5.40	1/2 6.60			
Length in Inc	ches	12		13		14		15	1	6	18		20
HORSE RASPS,	Wide Thick ½ File	$1{32}$ $1{64}$ $12.80$		of all		1%6 1%4 7.80		$12\frac{1}{32}$ $2\frac{1}{64}$ $0.90$	1; 11, 24.	32	1 <sup>15</sup> / <sub>16</sub> 3/ <sub>8</sub> 32.9	0	
PLAIN	Slim ½ File		77				1		14" 8	Stock 50	15" Sto 25.90		32.9
Honge	Wide Thick Regular	$1\frac{1}{32}$ $1\frac{7}{64}$ $16.80$		19.60	2.5	19/ <sub>16</sub> 19/ <sub>64</sub> 13.10		<sup>21</sup> / <sub>32</sub> <sup>21</sup> / <sub>64</sub> 7.30	32.		-0000 (0.1.07)		7% 1
HORSE RASPS,	Slim	11				" Stock 1.90		"Stock 5.20	14" S 29.				
TANGED	Thin	1.531 x .270 16.00	)"	1.594" x .275" 18.20	x	.750" .280" 1.90	x	812" .285" 5.20	1.87 x. 2 29.	90"	a horizontal		N 1.0 15

The American Pattern Files as listed herein are made of the highest grade of steel and are fully guaranteed.

We have manufactured the well-known brand of ALLIGATOR Swiss Pattern Files for over 25 years and their continued use by the most discriminating manufacturers is conclusive proof of their quality.

Why not buy both our American and Swiss Pattern Files from us.

The foregoing list comprises all of the kinds, sizes and cuts of files that will be regularly carried in stock. Anything differing from these files will be considered as special and will not be manufactured except in case of urgent necessity and when manufactured price will be based strictly upon cost of material and cost of manufacture at time goods are made.

### PRICE LIST

FEBRUARY 1, 1934





CARSON-NEWTON COMPANY
21-23 PROSPECT STREET
NEWARK, NEW JERSEY





Length in	Inches	21/2	3	31/2	4	41/2	5	6	7	8	10	12	14
Hand	Width		3.70 3.90 4.30 5.20		3.70 3.90 4.30 5.20		5% 4.20 4.60 5.20 6.30	34 4.90 5.40 6.30 7.60		7/8 7.00 7.70 8.60 9.90	1 9.30 10.40 11.50 13.40	1 <sup>1</sup> / <sub>4</sub> 12.30 13.80 15.40 17.60	1½ 15.50 17.40 19.60 22.00
Pillar	Width		3.2 3.00 3.10 3.40 4.30		3,00 3.10 3.40 4.30		3.20 3.40 3.80 4.80	1/2 3.40 3.70 4.30 5.30		16 4.80 5.20 6.00 7.20	116 6.60 7.00 8.40 10.00	34 9.00 9.80 11.20 13.00	
Narrow Pillar	Width		3.00 3.10 3.40 4.30		3.00 3.10 3.40 4.30		3.20 3.40 3.80 4.80	1/4 3.40 3.70 4.30 5.30		5.20 6.00 7.20	3/8 6.60 7.00 8.40 10.00	9.00 9.80 11.20 13.00	
Extra Narrow Pillar	Width	Pillar, I	3.00 3.10 3.40 4.30 Narrow rice.	Pillar, ai	3.2 3.00 3.10 3.40 4.30 ad Extra	Narrow	3.20 3.40 3.80 4.80 Pillar tl	3.40 3.70 4.30 5.30 han thos	e shown	4.80 5.20 6.00 7.20 on price 1	6.60 7.00 8.40 10.00 ist will b	3/8 9.00 9.80 11.20 13.00 ear an a	dditional
Half Round	Width		5 16 4.50 5.00 5.90 7.40	\$\frac{1}{32}\$ 5.10 6.00 6.90 8.40	5.10 6.00 6.90 8.40	1/2 5.90 7.00 8.10 10.40	5.90 7.00 8.10 10.40	5% 6.80 8.00 9.20 11.60	118 8.00 9.30 10.60 13.00	138 10.00 11.30 12.70 15.20	1 13.30 14.60 16.80 19.60	1 1/8 17.20 18.40 20.90 24.00	1 % 22.00
Half Round Ring	Diameter							8.00 9.30 10.60	1/2 10.00 11.30 12.70	and the same			
Round	Diameter 00-0 1-2 3-4 6	2.50 2.70 2.90 3.20	2.50 2.70 2.90 3.20	1/8 2.80 3.00 3.20 3.60	2.80 3.00 3.20 3.60		3.40 3.70 4.00 4.40	4.00 4.40 4.80 5.20		5.80 6.20 6.60 7.30	7.80 8.60 9.60 11.20	10.00 11.30 13.70 16.80	1/2 12.60 14.40 17.50 19.50
Parallel Round	Diameter 00-0 2 4 Other diameters	than the	ose shov	vn on pri	2.80 3.00 3.20 ce list o	f Paralle	3.50 3.90 4.30 Round	4.20 4.80 5.40 will bea	r an add	6.70 7.40 8.20 ditional 10	% to lis	t price.	
Crossing	Width		5.20 5.60 6.40 7.80		78 5.60 6.20 7.20 9.00		17/2 6.30 7.20 8.40 10.40	5% 7.60 8.60 9.80 12.00		11.30 12.40 13.80 16.20	1 18 15.00 16.40 19.00 23.00	1 <sup>1</sup> / <sub>4</sub> 19.00 21.10 23.80 28.20	and a
Knife	Width		3/8 4.00 4.40 4.80 5.40		1/2 4.40 5.00 5.60 6.60		9 4.80 5.60 6.60 8.40	11 6.00 7.00 8.00 10.50		18 8.60 9.80 11.40 15.00			
Slitting	Width			ic	1/2 5.60 6.60 7.60			34 8.80 10.00 11.20		% 10.60 11.80 13.20			





Length in	Inches	21/2	3	31/2	4	41/2	5	6	7	8	10	12	14
AND STREET	Furnished		10.00		16			10					S Section 1
Total said meta	B&S Gauge Width		18-20		18-20		13-15	12-14		10		100	S BOST
Equalling	3 00-0		3.20		3.60		4.00	4.40		6.00			
1	1-2		3.50		4.00		4.40	4.90		6.60			
962	3-4		3.90		4.40		5.00	5.60		7.60			
NAME OF TAXABLE PARTY.	6		4.40		5.40		6.20	7.00		9.00			
E-2 136 0	Furnished		18		14-16		13	11-13					
THE PARTY OF THE P	B&S Gauge		20-22		18-20		15-18	14-16		10	8		
TXT 11	Width		3/8		1/2		9 16	5/8		13	15		
Warding	1-2		2.80 3.00		3.20		3.80	4.60		6.20	8.20		
BESTERNE	3-4		3.30		4.10		5.10	5.30 6.10		6.90 8.10	9.50		
3 272	6		3.80		4.80		6.00	7.00		9.60	13.50		
Control Publication	Width		3/8		1/2		9	116		7/8	-3.33		
TOTAL STATE	00-0		5.00		5.50		6.00	6.60		8.60			
Barrette	1-2		5.10		5.60		6.20	7.00		9.20			
the banks on	3-4		5.30		5.80		6.60	7.60		10.00	The same	. 1	Bro.
	6		5.50		6.00		7.10	8.40		11.00			
	Width		11 32		13 32		1/2	9 16	-	25/32			
Cant	00-0		6.70		6.70		7.70	7.70		9.70			
Carre	2		7.50		7.50		8.60	8.60		10.60			
2007 1 775 251	4	-16	8.80	9 4	8.80		10.00	10.00		12.00		940	207
NAME AND DESCRIPTION OF THE PERSON OF THE PE	Width		13	64	32		31	3/8		1/2	5/8	3/4	
Three	1-2		3.90	3.90	3.90		4.30	4.80		6.20	8.40	13.00	
Square	3-4		4.20	4.20 4.50	4.20		4.70 5.20	5.20 5.90		6.80	9.10	13.50	
oquare	6	CONTRACTOR OF THE PARTY OF THE	5.00	5.00	5.00		5.80	6.60		7.60 9.00	10.40	14.50 16.00	
Round	Furnished		14-16	0.00	9		11-13		Display Risk		12.20	10.00	
	B&S Gauge		18-20		to 26		15-18	10-12 14-16		8 10-12			
Eage	Width		7 16		1/2	15000	9 16	5/8		5/8			
Edge Joint	0-2		3.00		3.40		4.20	5.20		7.00			
Square	Furnished				14-16	-	11	10-12		8			
Edge	B&S Gauge		16-18		18-20		13-15	14-16		10-12			
	Width		7 16		1/2		9 16	5/8		5/8			30%
Joint	0-2		2.80		3.20		4.00	5.00		6.80			
	Width		3 3 2		32		13 64	7 32		15	11 32	7	1/2
0	00-0		3.40		3.80		4.20	5.00		6.00	7.40	8.80	12.00
Square	1-2		3.50		4.00	1	4.50	5.40		6.80	9.00	11.20	15.40
	3-4		3.60 3.80		4.40		5.20 6.00	6.20 7.40			10.80 13.20	14.00 17.00	17.40
	Width											17.00	19.40
0 1	00-0		1/4 4.50		18 5.00		3/8 5.80	132 6.80		½ 9.60	9/16 12.80		
Crochet	1-2		4.80		5.40		6.30	7.40			13.80		
	3-4		5.40		6.00	The same of	7.00	8.20			14.80		
Car Same	Width		7 32		9 32			3/8		1/2			2007
Pippin	00-0		4.60		5.40			7.40		10.00		Residence of the last of the l	
1 lphin	1-2		5.00		5.80			8.00		10.60			
Washington and	4		5.60		6.40			8.80		11.40			
Maria	Width		1/8	3 16	7 32		18	3/8		1/2			
Metal	00-0	No. of the last of	Comments and the	3.90	3.90		4.30	4.80		6.20			erij i
Saw	3-4			4.20	4.20 4.50		4.70	5.20		6.80			WELL S
3 5111		4	*.00	4.50			5.20	5.90		7.60			
Mill	Width				16			5/8		18	1	1 18	15
2 Square	1				2.90 3.30			4.00		4.90	6.30	8.40	10.00
Edges	2				3.70			4.40 4.70		5.60 6.40	7.10 7.90	9.20 10.20	11.00 12.80
					-110			1.10		0.20	1.00	10.20	14.0U





SWISS PATTERN SAW	FILES	5		
Length	5	6	7	8
Width Taper	13	15/32	17	19/32
Taner (Single Cut)	2.70	3.30	4.20	5.90
Taner (Double Cut)	3.60	4.40	5.10	6.80
Width Slim Taper Slim Taper (Single Cut) Slim Taper (Double Cut)	32	32	13	15/32
Slim Taper (Single Cut)	2.50	3.00	3.80	4.50
Slim Taper (Double Cut)	3.70	4.00	4.60	5.40
Width Extra Slim Taper Extra Slim Taper (Single Cut) Extra Slim Taper (Double Cut)	32	32	32	32
Extra Slim Taper (Single Cut)	2.50	2.90	3.60	4.20
Extra Slim Taper (Double Cut)	3.30	3.90	4.40	5.20
Width Special Slim Taper Special Slim Taper (Single Cut) Special Slim Taper (Double Cut)	2.50	16	1/4	16 4.20
Special Slim Taper (Single Cut)		2.90	3.60	5.20
Special Slim Taper (Double Cut)	3.30	3.90	4.40	0.20
7000 - 2000 - 19				1000
HALF ROUND FLO	AT			
Length		8	10	12
Width	5%	13	1	116
Per dozen	6.80	10.00	13 30	17.20
	0.00	10.00	10.00	1
FLAT FLOAT				
Length	6	0	10	12
Length	3/4	7/-	10	
WidthPer dozen	4.90	8 7/8 7.00	9.30	12.30
	4.50	1.00	3.00	12.00
ROUND FLOAT				
		8	10	12
Length	6	5 16	10	3/8
Diameter	4.00	5.80	7.80	10.00
Per dozen	4.00	0.00	1.00	10.00
SQUARE FLOAT				
		0	10	12
Length	6	8	10	3/8
Width	5.00		$\frac{11}{32}$ 7.40	8.80
Per dozen	5.00	0.00	1.40	0.00
VULCANITE OR RUBBE	R FIL	ES	9	-
		ES	3. (t)	
Double End, Half Ro	und		0	0
Double End, Half Rou	und 7	71/2	8 5 30	9
Double End, Half Ro	und	71/2		9 6.00
Double End, Half Rose Length Per dozen	und 7 4.60	71/2		
Double End, Half Roy Length Per dozen Half Round with Tax	und 7 4.60 ng	7½ 4.90	5.30	6.00
Double End, Half Round  Length Half Round with Tax  Length Length	und 7 4.60 ng	7½ 4.90	5.30	6.00
Double End, Half Round  Length Per dozen  Half Round with Tax  Length Per dozen	und 7 4.60 ng	7½ 4.90	5.30	6.00
Double End, Half Round  Length Per dozen  Half Round with Tax  Length Per dozen	und 7 4.60 ng	7½ 4.90	5.30	6.00
Length Per dozen Half Round with Tax  Length Half Round with Tax  Half Round with Half Round w	und 7 4.60 ng	7½ 4.90 4½ 3.30	5.30 5 3.70	6.00 6 4.30
Length Per dozen Half Round with Tax  Length Half Round with Tax  Length Half Round with Hank  Length Half Round with Hank	und 7 4.60 ng	7½ 4.90 4½ 3.30	5.30 5 3.70	6.00 6 4.30
Length Per dozen Half Round with Tax  Length Per dozen Half Round with Hank Length Per dozen Half Round with Hank Length Per dozen Half Round with Hank	und 7 4.60 ng	7½ 4.90 4½ 3.30	5.30 5 3.70	6.00 6 4.30
Length Per dozen Half Round with Tax  Length Per dozen Half Round with Hank Length Per dozen Half Round with Hank Length Per dozen Half Round with Hank	und 7 4.60 ng	7½ 4.90 4½ 3.30	5.30 5 3.70	6.00 6 4.30
Length Per dozen Half Round with Tax Length Per dozen Half Round with Hant Length Per dozen Round or Rat Tail	und 7 4.60 ng	7½ 4.90 4½ 3.30 4½ 3.30	5.30 5 3.70 5 3.70	6.00 6 4.30 6 4.30
Length Per dozen Half Round with Tax  Length Per dozen Half Round with Hant Length Per dozen Round or Rat Tail  Length Per dozen Round or Rat Tail	und 7 4.60 ng	7½ 4.90 4½ 3.30 4½ 3.30	5.30 5 3.70 5 3.70	6.00 6 4.30 6 4.30
Length Per dozen Half Round with Tax Length Per dozen Half Round with Hant Length Per dozen Round or Rat Tail	und 7 4.60 ng	7½ 4.90 4½ 3.30 4½ 3.30	5.30 5 3.70 5 3.70	6.00 6 4.30 6 4.30
Length Per dozen Half Round with Tax  Length Per dozen Half Round with Hant Length Per dozen Round or Rat Tail  Length Per dozen Round or Rat Tail	und 7 4.60 ng ndle 4 3.00 E FII re, Thrited:	7½ 4.90  4½ 3.30  4½ 3.30  4½ 3.30  ES ee Squ	5 3.70 5 3.70 5 3.70	6.00 6 4.30 6 4.30 6 4.30
Double End, Half Rou  Length Per dozen  Half Round with Tai  Length Per dozen  Half Round with Hant Length Per dozen  Round or Rat Tail Length Per dozen  BENCH FILING MACHIN Round, Half Round, Pillar, Oval, Knife, Squan Equalling, Pippin, Lozenge, Cant or Assort Inch Cuts 00-0-2, each shape or assorted  ROUND HANDLE NEEDL Round, Half Round, Flat, Crossing, Knife, Squan Joint, Barrette, Slitting, Marking or Assorted	4 4.60  TE FII re, Threted: 3 1/4 x 1/4 4.50  TE FIL re, Thretred:	7½ 4.90  4½ 3.30  4½ 3.30  4½ 3.30  ES ee Squa 4¾ 4¾	5.30 5 3.70 5 3.70 5 3.70 are, Cr 3¼x½ 5.00	6.00 6 4.30 6 4.30 6 4.30 cochet, 4 alling, 6 4/4
Double End, Half Rou  Length Per dozen  Half Round with Tai  Length Per dozen  Half Round with Han  Length Per dozen  Round or Rat Tail  Length Per dozen  BENCH FILING MACHIN  Round, Half Round, Pillar, Oval, Knife, Squan Equalling, Pippin, Lozenge, Cant or Assor  Inch Cuts 00-0-2, each shape or assorted  ROUND HANDLE NEEDL  Round, Half Round, Flat, Crossing, Knife, Squar Joint, Barrette, Slitting, Marking or Assor  Length Cuts 0-2-4-6, each shape or assorted	4 3.00  E FII re, Thretted: 3¼ x ½ 4.50  E FIL e, Threrted: 4 2.50	7½ 4.90  4½ 3.30  4½ 3.30  4½ 3.30  ES ee Squa 4¾ 4¾	5.30 5 3.70 5 3.70 are, Cr 31/4 x 1/7 5.00 re, Equ	6.00 6 4.30 6 4.30 6 4.30 cochet, 4 alling, 6 4/4
Double End, Half Rou  Length Per dozen  Half Round with Tai  Length Per dozen  Half Round with Hant Length Per dozen  Round or Rat Tail Length Per dozen  BENCH FILING MACHIN Round, Half Round, Pillar, Oval, Knife, Squan Equalling, Pippin, Lozenge, Cant or Assort Inch Cuts 00-0-2, each shape or assorted  ROUND HANDLE NEEDL Round, Half Round, Flat, Crossing, Knife, Squan Joint, Barrette, Slitting, Marking or Assorted	4 3.00  E FII re, Thretted: 3¼ x ½ 4.50  E FIL e, Threrted: 4 2.50	7½ 4.90  4½ 3.30  4½ 3.30  4½ 3.30  ES ee Squa 4¾ 4¾	5.30 5 3.70 5 3.70 are, Cr 31/4 x 1/7 5.00 re, Equ	6.00 6 4.30 6 4.30 6 4.30 cochet, 4 alling, 6 4/4
Double End, Half Rou  Length Per dozen  Half Round with Tai  Length Per dozen  Half Round with Hant Length Per dozen  Round or Rat Tail Length Per dozen  BENCH FILING MACHIN Round, Half Round, Pillar, Oval, Knife, Squan Equalling, Pippin, Lozenge, Cant or Assort Inch Cuts 00-0-2, each shape or assorted  ROUND HANDLE NEEDL Round, Half Round, Flat, Crossing, Knife, Squan Joint, Barrette, Slitting, Marking or Assorted  Cuts 0-2-4-6, each shape or assorted  DIE SINKERS RIFFL Length	4 3.00  E FII re, Thretted: 3¼ x ½ 4.50  E FIL e, Threrted: 4 2.50	7½ 4.90  4½ 3.30  4½ 3.30  4½ 3.30  ES ee Squa 4¾ 4¾	5.30 5 3.70 5 3.70 5 3.70 are, Cr 3.4x 1/ 5.00 re, Equ 51/ <sub>2</sub> 3.20	6.00 6 4.30 6 4.30 6 4.30 cochet, 4 alling, 6 4/4
Double End, Half Rou  Length Per dozen  Half Round with Tai  Length Per dozen  Half Round with Hant Length Per dozen  Round or Rat Tail Length Per dozen  BENCH FILING MACHIN Round, Half Round, Pillar, Oval, Knife, Squan Equalling, Pippin, Lozenge, Cant or Assort Inch Cuts 00-0-2, each shape or assorted  ROUND HANDLE NEEDL Round, Half Round, Flat, Crossing, Knife, Squan Joint, Barrette, Slitting, Marking or Assorted  Cuts 0-2-4-6, each shape or assorted  DIE SINKERS RIFFL Length	4 3.00  E FII re, Thretted: 3¼ x ½ 4.50  E FIL e, Threrted: 4 2.50	7½ 4.90  4½ 3.30  4½ 3.30  4½ 3.30  ES ee Squa  4¾ 2.80	5.30 5 3.70 5 3.70 are, Cr 31/4 x 1/7 5.00 re, Equ	6.00 6 4.30 6 4.30 6 4.30 cochet, 4 alling, 6¼ 3.50
Double End, Half Rou  Length Per dozen  Half Round with Tai  Length Per dozen  Half Round with Han  Length Per dozen  Round or Rat Tail  Length Per dozen  BENCH FILING MACHIN  Round, Half Round, Pillar, Oval, Knife, Squan Equalling, Pippin, Lozenge, Cant or Assor  Inch Cuts 00-0-2, each shape or assorted  ROUND HANDLE NEEDL  Round, Half Round, Flat, Crossing, Knife, Squar Joint, Barrette, Slitting, Marking or Assor  Length Cuts 0-2-4-6, each shape or assorted	4 3.00  E FII re, Thretted: 3¼ x ½ 4.50  E FIL e, Threrted: 4 2.50	7½ 4.90  4½ 3.30  4½ 3.30  4½ 3.30  ES ee Squa 4¾ 2.80	5.30 5 3.70 5 3.70 5 3.70 are, Cr 3¼x½ 5.00 re, Equ 5½ 3.20	6.00 6 4.30 6 4.30 6 4.30 cochet, 4 alling, 6 <sup>1</sup> / <sub>4</sub> 3.50

#### CORRUGATING OR CHECKERING FILES

Made only 6 inches long and 34 inches wide. 6C (Course 6M (Medium) 4.60 6F (Fine) 4.80

#### AUGER BIT FILES

Length 71/4 inches. 3.00 Per doz.

#### PARALLEL MACHINE FILES, TYPE C

Round, Half Round, Pillar, Oval, Knife, Square, Three Square, Crochet, Equalling, Pippin, Lozenge, Cant or Assorted.

Length 5 inches, Cuts 00-0-2, each shape or assorted. Per doz.

#### DIE SINKER FILES

Round, Half Round, Flat, Oval, Knife, Square, Three Square, Crochet, Taper Cotter, Pippin, Lozenge, Auriform or Assorted.

Length 31/2 in., Cuts 0-1-2, each shape or assorted.

#### SQUARE HANDLE NEEDLE OR ESCAPE-MENT FILES

Round, Half Round, Flat, Oval. Knife, Square, Three Square, Equalling, Joint, Barrette, Slitting, Rounding Off or Assorted.

Length 51/2 in., Cuts 0-2-4-6, each shape or assorted. Per doz. 3.30

#### SILVERSMITHS' RIFFLERS

Length 8 ins., Cuts 0-2, each shape or assorted.

Per doz.

The foregoing list comprises all of the kinds, sizes and cuts of files that will be regularly carried in stock. Anything differing from these files will be considered as special and will not be manufactured except in case of urgent necessity and when manufactured price will be based strictly upon cost of material and cost of manufacture at time goods are made.